

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Colonic Drug Delivery Composition

the specification of which (check only one item below):

is attached hereto.

was filed as United States application

Serial No. _____

on _____,

and was amended

on _____ (if applicable).

was filed as PCT international application

Number PCT/GB95/01458

on 21 June 1995,

and was amended under PCT Article 19

on _____ (if applicable).

DOCUMENT #514460

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:

COUNTRY (if PCT, indicate "PCT")	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC 119
PCT	PCT/GB95/01458	21 June 1995	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
United Kingdom	9412394.0	21 June 1994	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

Combined Declaration For Patent Application and Power of Attorney (Continuation)

(Includes Reference to PCT International Application)

ATTORNEY'S DOCKET NUMBER
DAN 100

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:

U.S. APPLICATIONS		STATUS (Check one)		
U.S. APPLICATION NUMBER	U.S. FILING DATE	PATENTED	PENDING	ABANDONED

PCT APPLICATIONS DESIGNATING THE U.S.

PCT APPLICATION NO	PCT FILING DATE	U.S. SERIAL NUMBERS ASSIGNED (if any)			
10					
10					

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number) Robert E. Pollock Registration No. 21,224

Patrea L. Pabst, Registration No. 31,284
Madeline I. Johnston, Registration No. 36,174

Send Correspondence to: Patrea L. Pabst
Arnall Golden & Gregory
2800 One Atlantic Center
1201 West Peachtree Street
Atlanta, Georgia 30309-3450

Direct Telephone Calls to:
(name and telephone number)
Patrea L. Pabst
(404) 873-8794

201	FAMILY NAME Watts	FIRST GIVEN NAME Peter	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP Nottingham	STATE OR FOREIGN COUNTRY United Kingdom	COUNTRY OF CITIZENSHIP United Kingdom
	POST OFFICE ADDRESS Flat 2, 47 Highfield Road	CITY Nottingham	STATE & ZIP CODE/COUNTRY United Kingdom, NG2 6DR
202	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	CITY	STATE & ZIP CODE/COUNTRY
203	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	CITY	STATE & ZIP CODE/COUNTRY

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201 	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203
DATE 5 January 1997	DATE	DATE

4571974 · DAN100



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

MAY 23, 1997

PTAS

PATREA L. PABST, ESQ.
1201 W. PEACHTREE ST.
2800 ONE ATLANTIC CTR.
ATLANTA, GA 30309-3450



100393514A

JCG 60 U.S. PTO
09/749152
12/27/00

UNITED STATES PATENT AND TRADEMARK OFFICE
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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/10/1997

REEL/FRAME: 8439/0240
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:
WATTS, PETER

DOC DATE: 01/06/1997

ASSIGNEE:
DANBIOSYST UK LIMITED
ALBERT EINSTEIN CENTRE, HIGHFIELDS SCIENCE PARK
NOTTINGHAM, UNITED KINGDOM NG7 2TN

SERIAL NUMBER: 08765347
PATENT NUMBER:

FILING DATE: 02/10/1997
ISSUE DATE:

MAURICE CARTER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

JUN 02 1997

02-22-97 5610

640-A-581 A/2

RECORDATION FORM COVER SHEET

PATENT

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office2-10-97
Tab settings 000 □

04-15-1997

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▼

To the Honorable Commissioner of Patents and Trademark

1. Name of conveying party(ies):

2-10-97

Peter Watts

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

Assignment Merger

Security Agreement Change of Name

Other _____

Execution Date: January 6, 1997

100393514

party(ies):

Name: Danbiosyst UK Limited

Internal Address:

Street Address: Albert Einstein Centre

Highfields Science Park

City: Nottingham State: UK ZIP: NG7 2TN

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

08 765,347

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

08/765,347

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Patrea L. Pabst, Esq.

6. Total number of applications and patents involved: 1

Internal Address: 2800 One Atlantic Ctr.

7. Total fee (37 CFR 3.41): \$ 40.00

Street Address: 1201 W. Peachtree St.

 Enclosed

City: Atlanta State: GA ZIP: 30309-3450

 Authorized to be charged to deposit account

8. Deposit account number:

01-2507

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Patrea L. Pabst

Name of Person Signing

P.L.P
Signature4/1/97
Date

Total number of pages comprising cover sheet: _____

ASSIGNMENT

I, Peter Watts of Flat 2, 47 Highfield Road, West Bridgford, Nottingham NG2 6DR in consideration of One Dollar and other valuable consideration paid to us by Danbiosyst UK Limited a corporation of the England, having its principal place of business Albert Einstein Centre, Highfields Science Park, Nottingham, NG7 2TN, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said Danbiosyst UK Limited its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in Controlled release drug delivery described in an application executed by one of even date herewith and about to be filed Serial No. 08/765,347, filed on December 19, 1996 in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And I agree, for myself and my executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

WITNESS my hand and seal this 6th day of January 1997

P. F. Watts

(Peter Watts)



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APRIL 27, 2000

PTAS

ARNALL GOLDEN & GREGORY, LLP
PATREA L. PABST, ESQ.
2800 ONE ATLANTIC CENTER
1201 WEST PEACHTREE STREET
ATLANTA, GA 30309-3450



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RECORDATION DATE: 02/01/2000

REEL/FRAME: 010567/0980
NUMBER OF PAGES: 5

BRIEF: CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
DANBIOSYST UK LIMITED

DOC DATE: 03/04/1999

ASSIGNEE:
WEST PHARMACEUTICAL SERVICES DRUG
DELIVERY & CLINICAL RESEARCH
CENTRE LIMITED
ALBERT EINSTEIN CENTRE, NOTTINGHAM
SCIENCE AND TECHNOLOGY PARK
UNIVERSITY BOULEVARD
NOTTINGHAM, ENGLAND NG7 2TN

RECEIVED

MAY 03 2000

PATENT DEPT.

SERIAL NUMBER: 08234723
PATENT NUMBER:

FILING DATE: 04/28/1994
ISSUE DATE:

SERIAL NUMBER: 08765347
PATENT NUMBER:

FILING DATE: 02/10/1997
ISSUE DATE:

SERIAL NUMBER: 08776470
PATENT NUMBER:

FILING DATE: 03/28/1997
ISSUE DATE:

DOCKETED FOR
JSH
5-10 00

010567/0980 PAGE 2

SERIAL NUMBER: 08983156
PATENT NUMBER: 6001395

FILING DATE: 03/30/1998
ISSUE DATE: 12/14/1999

SERIAL NUMBER: 09000039
PATENT NUMBER:

FILING DATE: 03/30/1998
ISSUE DATE:

SERIAL NUMBER: 09011306
PATENT NUMBER:

FILING DATE: 03/30/1998
ISSUE DATE:

SERIAL NUMBER: 09059646
PATENT NUMBER:

FILING DATE: 04/13/1998
ISSUE DATE:

SERIAL NUMBER: 09088185
PATENT NUMBER:

FILING DATE: 06/01/1998
ISSUE DATE:

SERIAL NUMBER: 09094959
PATENT NUMBER: 5928669

FILING DATE: 06/15/1998
ISSUE DATE: 07/27/1999

SERIAL NUMBER: 09101254
PATENT NUMBER:

FILING DATE: 08/03/1998
ISSUE DATE:

SERIAL NUMBER: 09155235
PATENT NUMBER:

FILING DATE: 10/30/1998
ISSUE DATE:

SERIAL NUMBER: 09214527
PATENT NUMBER:

FILING DATE: 04/07/1999
ISSUE DATE:

SERIAL NUMBER: 09214561
PATENT NUMBER:

FILING DATE: 04/07/1999
ISSUE DATE:

SERIAL NUMBER: 09214580
PATENT NUMBER:

FILING DATE: 03/30/1999
ISSUE DATE:

SERIAL NUMBER: 09269903
PATENT NUMBER:

FILING DATE: 05/06/1999
ISSUE DATE:

SERIAL NUMBER: 07004189
PATENT NUMBER: 4904479

FILING DATE: 01/15/1987
ISSUE DATE: 02/27/1990

SERIAL NUMBER: 07469443
PATENT NUMBER: 5204108

FILING DATE: 04/09/1990
ISSUE DATE: 04/20/1993

SERIAL NUMBER: 08167611
PATENT NUMBER: 5554388

FILING DATE: 12/14/1993
ISSUE DATE: 09/10/1996

SERIAL NUMBER: 08256431
PATENT NUMBER: 5629011

FILING DATE: 07/12/1994
ISSUE DATE: 05/13/1997

SERIAL NUMBER: 08190022
PATENT NUMBER: 5648095

FILING DATE: 07/08/1994
ISSUE DATE: 07/15/1997

SERIAL NUMBER: 08412094
PATENT NUMBER: 5690954

FILING DATE: 03/28/1995
ISSUE DATE: 11/25/1997

010567/0980 PAGE 3

SERIAL NUMBER: 08359937
PATENT NUMBER: 5707644

FILING DATE: 12/20/1994
ISSUE DATE: 01/13/1998

SERIAL NUMBER: 08260611
PATENT NUMBER: 5725871

FILING DATE: 06/15/1994
ISSUE DATE: 03/10/1998

SERIAL NUMBER: 08576877
PATENT NUMBER: 5744166

FILING DATE: 12/21/1995
ISSUE DATE: 04/28/1998

SERIAL NUMBER: 08374671
PATENT NUMBER: 5792475

FILING DATE: 04/14/1995
ISSUE DATE: 08/11/1998

SERIAL NUMBER: 08877273
PATENT NUMBER: 5804212

FILING DATE: 06/17/1997
ISSUE DATE: 09/08/1998

SERIAL NUMBER: 08809158
PATENT NUMBER: 5840341

FILING DATE: 04/21/1997
ISSUE DATE: 11/24/1998

SERIAL NUMBER: 08899976
PATENT NUMBER: 5863554

FILING DATE: 07/24/1997
ISSUE DATE: 01/26/1999

SERIAL NUMBER: 08750738
PATENT NUMBER: 5869103

FILING DATE: 04/04/1997
ISSUE DATE: 02/09/1999

SERIAL NUMBER: 09094959
PATENT NUMBER: 5928669

FILING DATE: 06/15/1998
ISSUE DATE: 07/27/1999

SERIAL NUMBER: 08553401
PATENT NUMBER: 5935604

FILING DATE: 07/01/1996
ISSUE DATE: 08/10/1999

DIANE RUSSELE, PARALEGAL
ASSIGNMENT DIVISION
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03-02-2000



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 Correction of PTO Error
Reel # Frame #
Corrective Document
Reel # Frame #

Conveyance Type

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 License Change of Name
 Merger Other
U.S. Government
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 Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

Execution Date
Month Day Year

03041999

Name (line 1) Danbiosyst UK Limited

Name (line 2)

Second Party

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1) West Pharmaceutical Services Drug Delivery & Clinical Research Centre Limited

If document to be recorded
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Name (line 2)

Address (line 1) Albert Einstein Centre, Nottingham Science and Technology Park

Address (line 2) University Boulevard

Addr ss (line 3) Nottingham England NG7 2TN
City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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03/02/2000 DNGUYEN 00000060 09101254

01 EC:581

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Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

Correspondent Name and Address

Area Code and Telephone Number **(404) 873-8794**

Name **Patrea L. Pabst, Esq.**

Address (line 1) **Arnall Golden & Gregory, LLP**

Address (line 2) **2800 One Atlantic Center**

Address (line 3) **1201 West Peachtree Street**

Address (line 4) **Atlanta, GA 30309-3450**

Pages Enter the total number of pages of the attached conveyance document
including any attachments. # **2**

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

08234723 08983156 09059646
08765347 09000039 09088185
08776470 09011306 09094959

Patent Number(s)

4904479 5629011 5707644
5204108 5648095 5725871
5554388 5690954 5744166

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number
only if a U.S. Application Number
has not been assigned.

PCT PCT PCT

PCT PCT PCT

Number of Properties

Enter the total number of properties involved. # **31**

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ **1,240.00**

Method of Payment:

Enclosed Deposit Account

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: # **01-2507**

Authorization to charge additional fees: Yes No

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Kevin W. King

Name of Person Signing

Reg. No.: 42,737

Kevin W. King

Signature

18 JAN. 2000

Date

RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

Conveying Party(ies)

Enter additional Conveying Parties

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Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Receiving Party(ies)

Enter additional Receiving Party(ies)

Mark if additional names of receiving parties attached

Name (line 1)

If document to be recorded
is an assignment and the
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of a domestic representative
is attached. (Designation
must be a separate
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Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

If document to be recorded
is an assignment and the
receiving party is not
domiciled in the United
States, an appointment of a
domestic representative is
attached. (Designation must
be a separate document from
Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Application Number(s) or Patent Number(s)

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Mark if additional numbers attached

Patent Application Number(s)

09101254

09269903

5792475

5928669

09155235

5804212

5935604

09214527

5840341

09214561

5863554

09214580

5869103



THE COMPANIES ACT 1985

Company No. 2360391

The Registrar of Companies for England and Wales hereby certifies that

**WEST PHARMACEUTICAL SERVICES DRUG DELIVERY &
CLINICAL RESEARCH CENTRE LIMITED**

formerly called **DANBIOSYST UK LIMITED**

which name was changed by special resolution was incorporated under the
Companies Act 1985

as a limited company on the **13th March 1989** and that the certificate of incorporation altered to meet the circumstances of the case was issued on the **4th March 1999**

Given at Companies House, Cardiff, the **2nd August 1999**

P. Gostling

for the Registrar of Companies

I, Ian Mark Dee, of 10 Tennis Mews, The Park, Nottingham, England, a Chartered Patent Attorney, European Patent Attorney and Partner in the firm of Eric Potter Clarkson hereby certify that the attached is a true copy of the Certificate of Incorporation on change of Name as issued by the Registrar of Companies for England and Wales.

Signed:



IAN MARK DEE

Date: 22 September 1999

Place: Nottingham, England